Tedizolid Phosphate

Product Information

Product ID  T165133
CAS No.  856867-55-5

Chemical Name  (R)-(3-(3-fluoro-4-(6-(2-methyl-2H-tetrazol-5-yl)pyridin-3-yl)phenyl)-2-oxooxazolidin-5-yl)methyl dihydrogen phosphate

Synonym  DA 7218, Sivextro, TR 701

Formula  C_{17}H_{16}FN_{6}O_{6}P
Formula Wt.  450.32
Melting Point  
Purity  ≥98%
Solubility  Soluble in DMSO

Store Temp  -20°C
Ship Temp  Ambient

Description  Tedizolid is a second-generation oxazolidinone found to be effective against gram-positive pathogens. In murine models of penicillin-resistant Streptococcus pneumoniae infection, tedizolid was as effective as or more effective than linezolid and showed less inflammatory cell invasion into alveolar spaces. In another study on a murine model of hematogenous pulmonary infection, tedizolid and linezolid both showed antimicrobial and immunomodulatory results superior to treatment with vancomycin.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.